**Figure 1**

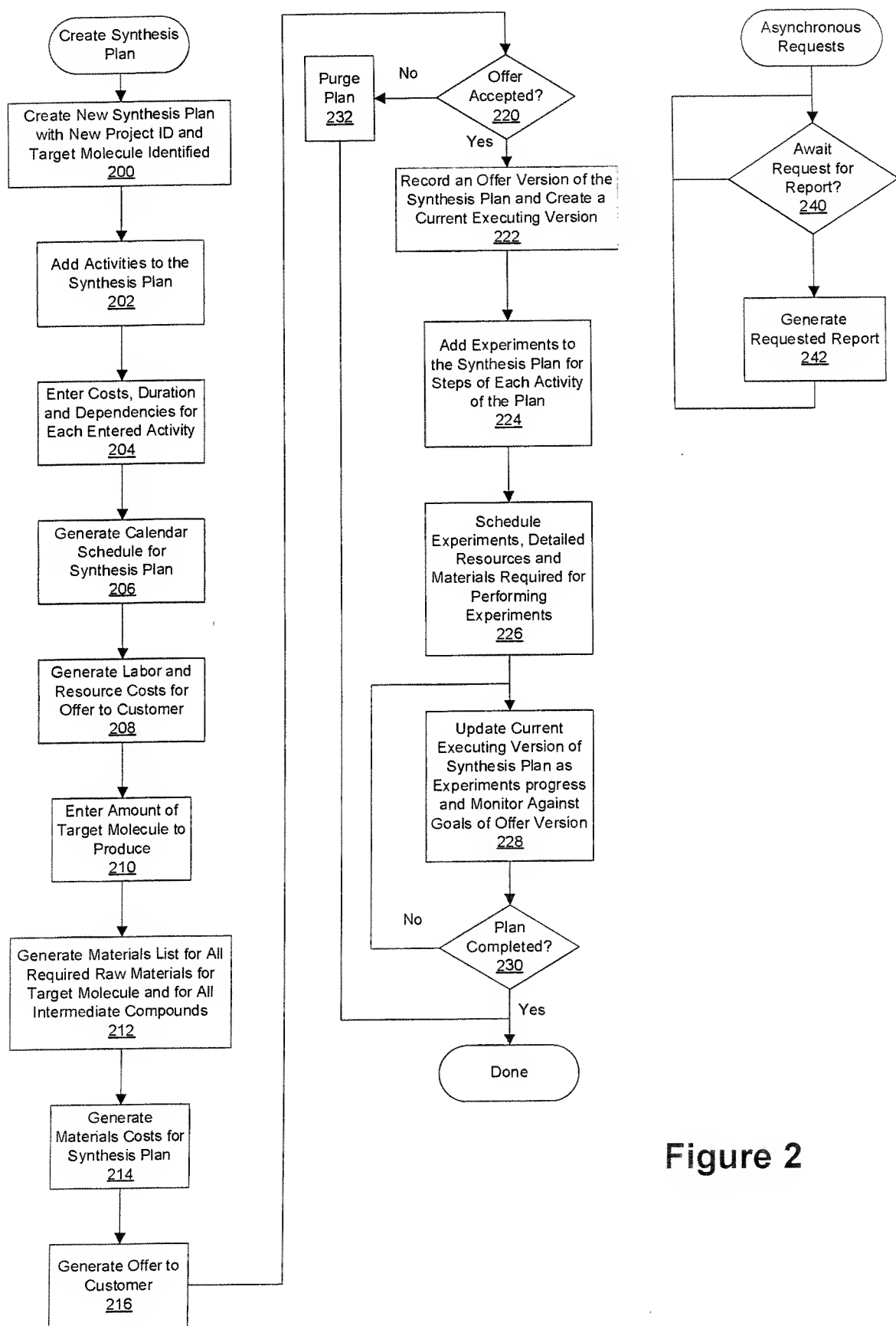


Figure 2

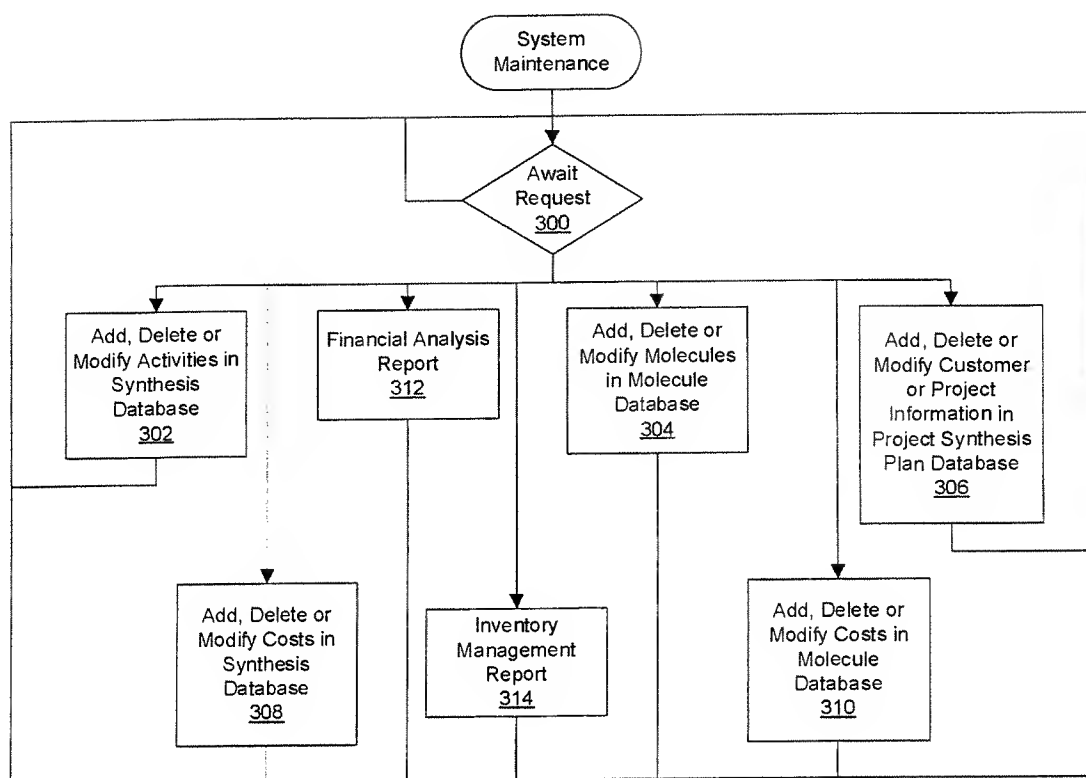


Figure 3

## Figure 4

Damgaard Aksept - Enbolgenholdning Alt (APPROVED) (0000) - APPROVED  
 File Edit Tools Commands Windows Help

Synthesis plans - Project: APR02003, C-008931, Task: C-008931

Sub synthesis plans ☒

Overview

Synthesis plan	C-Number	Name	Quantity	Unit
C-008931A	C-008931	Dimethylphosphoric chloride	0.25	kg
C-008932A	C-008932	Dimethylphosphonic acid C-43 labo	0.48	kg

Steps | Quantity | Projects

S	Name	C-Number	Molecule w	Kun	Ca	Rea	Quantity	Working vol	Reaction v	Quench Vol
0001	Dimethylphosphonchloride	C-008931	165.01	0.00	67.00	0.00	0.51	0.00	0.00	0.00
0002	Tetramethylphosphor...	C-008936	165.22	0.00	186.00	0.00	0.23	0.00	0.00	0.00

Create digest  
 Start/End dates

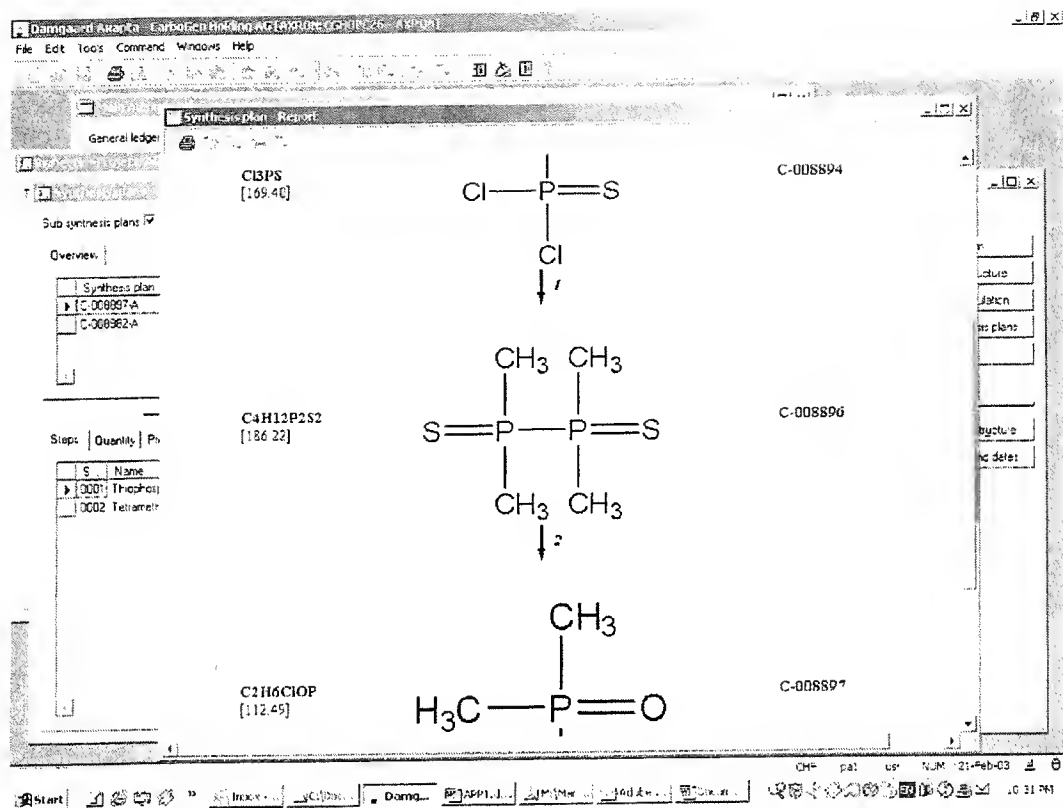
Number of synthesis steps: 2

OFF pat. usr. N.M. 21-Feb-03 10:00 PM

Start Inbox Damg... APP... J... Add...

Figure 5

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### Figure 6

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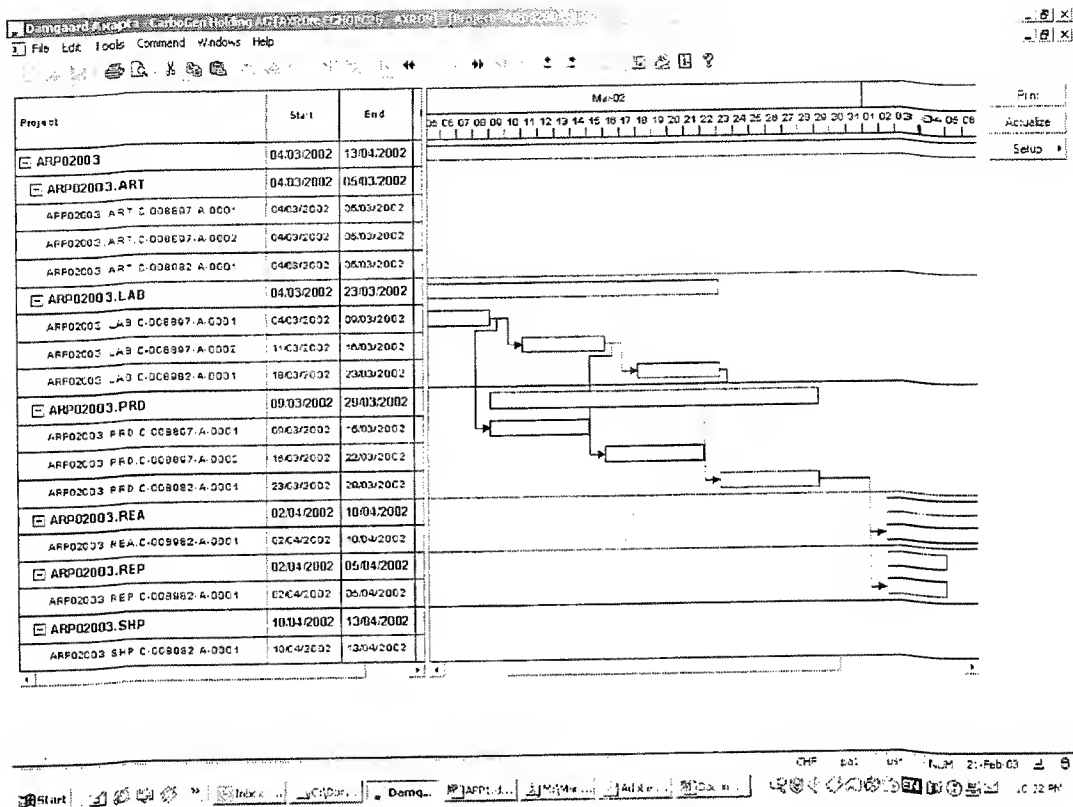


Figure 7

Download | Upgrade | Erhöhen | Halten | AUSTAUSCH | APP0203 | A-RUN

File Edit Tools Command Windows Help

General ledger

Tree control ☒ Tree structure ☒ Subprojects ☒

Project offers - Project: APP02003, APP02004, Project: APP02005

View archived ☐

Overview Basis

Employee	Currency	USD	Project	APP02003
Action date	Offer value	22.922.65	Name	Arad Pharmaceuticals inc
	Employee costs	122.718.22	Offer quantity	0.00
	Resource costs	204.44	Unit	
	Other costs	0.00	SMP status	
	Material costs	0.00	Out of pol	
	Internal	30.633.00	Deadline	
			Cycle time	0.00
			C-Number	
			Synthesis plan	
			Project code customer	
			Product code customer	

APP02003 SHP

Employee that approved the offer:

Start | Inbox | Doc | Over | APP1.d | M1Mar | Jodbe | Docum | 10:34 PM

Figure 8



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Damage Report - Carbon Holding Air (R005501824) - 00000

File Edit Icons Command Windows Help

General ledger

Model: 00005501824 Model: 00005501824

Show report variations: ☐ Model: 00005501824

BOM | M2 | General | Setup | Price/Discourt | Quantity | Dimension | Overview

Item number	Item name	Project	Reference	Unit b.	How much?	Unit	Sales que.	Unit
AA 00000000	Carbon Holding Air (R005501824)	ENPC2002 FPD C 005012 A 0001	125.30	kg	224.40000	kg	23.78630	kg
AA 00000002	Ketunhydrazid 85%	ENPC2002 FPD C 005012 A 0001	125.30	kg	700.00000	kg	74.14554	kg
AA 00000050	Nanonauge 32%	ENPC2002 FPD C 005012 A 0001	125.30	kg	2.500.00000	kg	264.79834	kg
AA 00000029	Selazole 2M m H2O	ENPC2002 FPD C 005012 A 0001	125.30	kg	500.00000	kg	52.85567	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0001	125.30	kg	500.00000	kg	46.32740	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0001	125.30	kg	500.00000	kg	96.32740	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0001	125.30	kg	2.000.00000	kg	180.17830	kg
AA 00000019	Tokur 95 85%	ENPC2002 FPD C 005012 A 0002	206.30	kg	500.00000	kg	45.00577	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0002	206.30	kg	500.00000	kg	45.00577	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0002	206.30	kg	500.00000	kg	45.00577	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0002	206.30	kg	500.00000	kg	45.00577	kg
AA 00000050	Nanonauge 32%	ENPC2002 FPD C 005012 A 0002	206.30	kg	700.00000	kg	50.04156	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0002	206.30	kg	500.00000	kg	45.00577	kg
AA 00000059	let-Bulymethylolins 99%	ENPC2002 FPD C 005012 A 0003	223.00	kg	80.00000	kg	5.33552	kg
AA 00000019	Tokur 95 85%	ENPC2002 FPD C 005012 A 0003	223.00	kg	500.00000	kg	33.37136	kg
AA 00000076	Ethanol absolut (200L)	ENPC2002 FPD C 005012 A 0004	235.00	kg	2.000.00000	kg	90.77531	kg
AA 00000050	Diethylether 99.0%	ENPC2002 FPD C 005012 A 0004	235.00	kg	500.00000	kg	22.55336	kg
AA 00000050	Diethylether 99.0%	ENPC2002 FPD C 005012 A 0004	235.00	kg	500.00000	kg	13.57617	kg
AA 00000050	Diethylether 99.0%	ENPC2002 FPD C 005012 A 0004	235.00	kg	500.00000	kg	12.57617	kg
AA 00000027	Deon Wasser CG	ENPC2002 FPD C 005012 A 0001	125.30	kg	1.800.00000	kg	190.55480	kg
AA 00000027	Deon Wasser CG	ENPC2002 FPD C 005012 A 0001	125.30	kg	1.000.00000	kg	125.37534	kg

Forecast balances

Inventory forecast

CHP 1st US NJM 21-Feb-03 10:45 PM

Figure 9

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Deminghard Asaptha - Carbon Fiber King AG (AXR05/EC100220 - AXR001)

File Edit Tools Command Windows Help

General ledger

Tree control ☒ Tree structure ☐ Project ☒ Subprojects ☒

Hours: Employee number: MEA, ENP02002, Project: ENP02002

Overview | General | Ledger | Dimensions

Project date	Project	Approach	Category	Hours	Interns	Type	Employee no.	Cost price	Sales
09-Jun-02	ENP02002	ENP02002-Planning	MAN	8.08	8.08	Employee	MEA	48.00	USD
11-Jun-02	ENP02002	ENP02002-Row Materials	QUE	1.31	0.95	Employee	JWA	48.00	USD
11-Jun-02	ENP02002	ENP02002-Planning	MAN	3.62	2.63	Employee	MFA	48.00	USD
12-Jun-02	ENP02002	AA-C09C12A-1/2/3-0002	LAE	6.47	4.69	Employee	MFA	48.00	USD
12-Jun-02	ENP02002	AA-C09C12A-1/2/3-0002	LAE	0.26	0.19	Employee	MFA	48.00	USD
13-Jun-02	ENP02002	AA-C09C12A-1/2/3-0002	ANL	1.19	0.87	Employee	GSP	48.00	USD
13-Jun-02	ENP02002	AA-C09C12A-1/2/3-0002	ANL	0.47	0.34	Employee	LGR	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.06	0.04	Employee	AST	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	2.69	1.54	Employee	JWA	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	2.36	1.71	Employee	AST	48.00	USD
17-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.22	0.16	Employee	JWA	48.00	USD
18-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.60	0.50	Employee	AST	48.00	USD
18-Jun-02	ENP02002	ENP02002-Row Materials	QUE	1.64	1.19	Employee	JWA	48.00	USD
19-Jun-02	ENP02002	ENP02002-Row Materials	QUE	2.21	1.60	Employee	AST	48.00	USD
23-Jun-02	ENP02002	ENP02002-Row Materials	QUE	0.66	0.63	Employee	JWA	48.00	USD
24-Jun-02	ENP02002	AA-C09C12A-C004-0005-Form	ANL	3.65	2.79	Employee	JWA	48.00	USD

GLP02001: Left in Maly: 500 g of SB-6405C0  
GLP02002: Left in Noulend: 8 kg of SB649609  
GLP02003: 5 kg free beta HBI55562

Project transaction date

Start

Da: 2002-02-21 12:53 PM

Figure 10

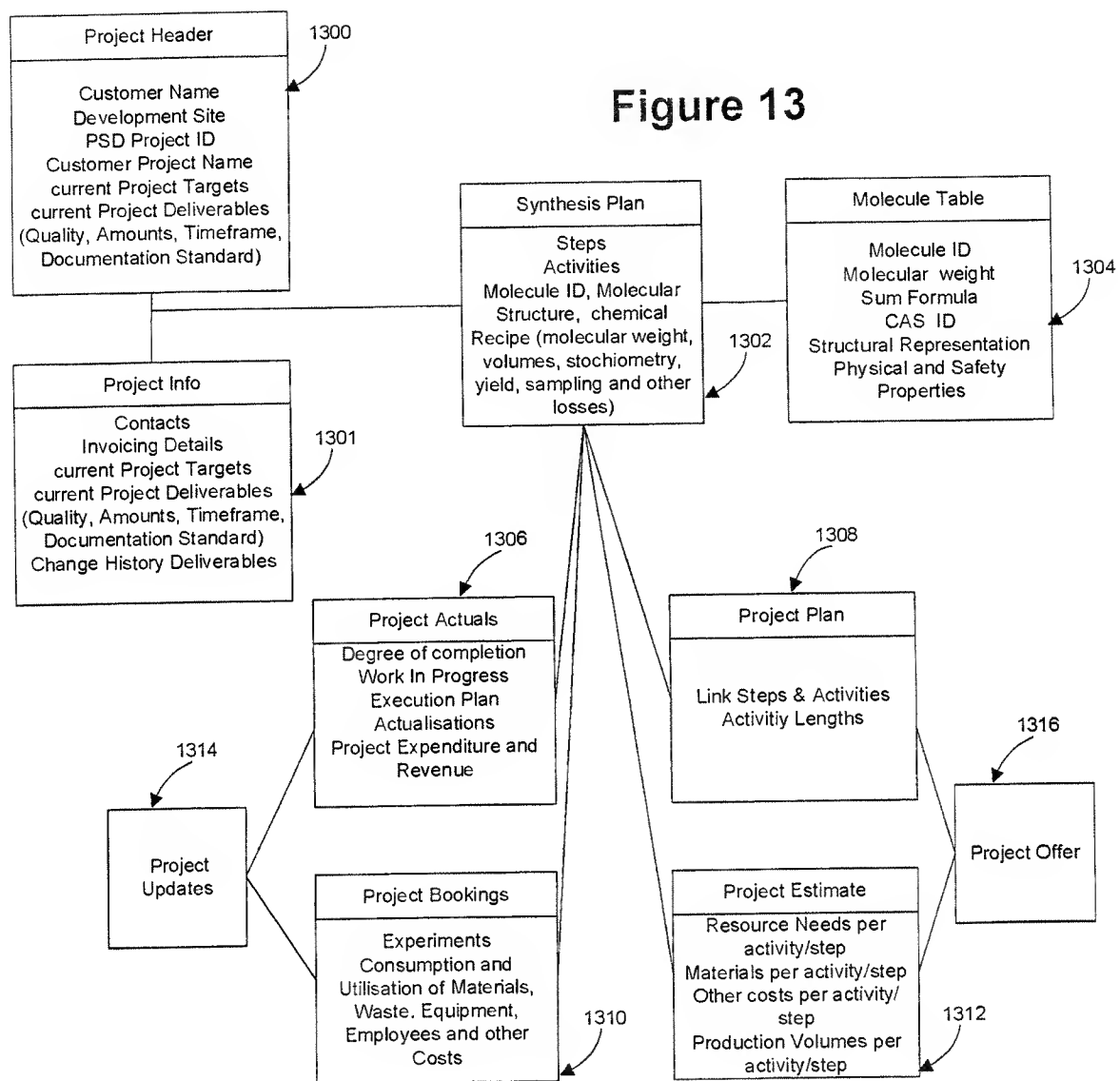
[illegible]

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Enzymatic Therapeutics Inc. Attn. Ms Susan Blockington Accounts Payable 107 Diggers Drive East Berne, NY 12023 US	<b>Invoice</b>
Aarau, 11-Mar-2002 EMP	
<b>INVOICE</b>	<b>PAA-000002</b>
01-Jan-2002 - 31-Jan-2002	
P.O.Number: email from Dr S. N. Maitland	
<b>Project:</b>	- / ENP03003
<b>Product:</b>	ENAA7856 HCl salt C-006012
<b>Total:</b>	2,691.99
<b>Due</b>	<b>USD</b> <b>2,691.99</b>
<b>Terms of payment:</b>	30 days after receipt net
<b>Payable to:</b>	UBS AG, CH-9001 St. Gallen
	Account no. H0-276.389.2
	Clearing no. 123

Figure 12

Figure 13





Duplicate

Print

Approach: Approach: AA-006012-A-1\*2/3/4-DJL-ENP02002LAB C-006012-A-0001

From Created To In process Project ENP02002

Overview Categories Objective Conditions Result

Approach	Project	Chemist	Created D...	Status
AA-006012-A-0001-0009	ENP02002 PRD C-006012-A-0001	MFA	30-Aug-2002	Created
AA-006012-A-0003-0019	ENP02002 PRD C-006012-A-0003	MFA	19-Apr-2002	In process
AA-006012-A-0003-0020	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Print
AA-006012-A-0004-0014	ENP02002 PRD C-006012-A-0004	MFA	12-Apr-2002	Archived
AA-006012-A-0004-0015	ENP02002 PRD C-006012-A-0004	MFA	24-Sep-2002	Created
AA-006012-A-1*2/3/4-0002	ENP02002 LAB C-006012-A-0001	MFA	24-Sep-2002	Created
AA-006012-A-1*2/3/4-0003	ENP02002 LAB C-006012-A-0001	MFA	24-Sep-2002	Created
AA-006012-A-1/2/3/4-0002	ENP02002 LAB C-006012-A-0001	MFA	24-Sep-2002	In process
AA-006012-A-1/2/3L-0002	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2/3L-0003	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Print
AA-006012-A-1/2/3L-0004	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2/3L-0005	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2L/3-0002	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Created
AA-006012-A-1/2L/3-0003	ENP02002 PRD C-006012-A-0003	MFA	24-Sep-2002	Archived
AA-006012-A-2/3-0001	ENP02002 PRD C-006012-A-0003	MFA	19-Apr-2002	Created
AA-006012-Z-0001-0001	ENP02002 PRD C-006012-A-0001	MFA	30-Aug-2002	Created

Figure 14

Approach - Approach: AA-006012-A-1\* / 2 / 3 / 4-0003, EN020121AB1-00012-1-0101

From

To

Project

Overview

Categories

Objective

Conditions

Result

Employee category

Cost category

Revenue category

Status

EOP Consumption

Duplicate

Print

Figure 15

Approach - Approach: 44-000009-E-0001-0001, ENP013,PRD/C-000009-E-030

From

To

Project

Duplicate

Print

Overview | Categories | Objective | Conditions | Result

Test Customer's procedure

Figure 16



Approach - Approach: AA-0000001-E-(001)-(001)-ENP02015PROC-0000009-E-0001

From  Created  To  In process  Project

Overview | Categories | Objective | Conditions | Result |

C-13332 (5 g) KOEt (1.1 eq), THF (50 mL), 0°C, 2 h  
Work-up with EtOAc, NH4Cl, stripping to dryness, crystallization from 35 mL IPA at ambient temperature

Figure 17

Approach- Approach: AA-000009-E-0001-0001, EN02015 PROJ-000009-E-0001

From

To

Project

Overview | Categories | Objective | Conditions | Result

Yield	Purity	Remarks
75 %	6.3 area %	Complete conversion, ML contains 22 % product

Duplicate

Print

Figure 18

19/19

**PP - Report** x

Update status ☒ Project

Week  Approach

Status

Printer

Print medium

Figure 19

Figure 20

**CARBO  
GEN**  
Small Pharmaceutical Services Division

**PP - Report**

20-Mar-2003 / ADAFI

Page 1 of \*\*

ENT02015.PRD.C-000005

Week	12	Date	20-Mar-2003
PTL		Start date	22-Aug-2002
PGL		Planned end	05-Nov-2002
Status		End date	22-Aug-2002

Experiment AA-000009-E-0001-0001

Aim Test Customer's procedure

Conditions C-13332 (5 g) KOEt (1.1 eq), THF (50 mL), 0°C, 2 h  
Work-up with EtOAc, NH<sub>4</sub>Cl, stripping to dryness, crystallization from 35 mL IPA at ambient temperature

Result	Yield	Purity	Remarks
	75 %	63 area %	Complete conversion, ML contains 22 % product